IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An automatic injection device comprising piston holders holding cylinder pistons and plural systems of heads having a drive mechanism for moving the piston holders forward and backward, whereby the device can hold a plurality of syringes and operates injection or suction in each syringe independently,

said device comprising a backward-moving prohibition mechanism for prohibiting the backward-moving of the piston holder of a second head when the piston holder of a first head is in a forward-moving state and the piston holder of the second head is in a stopped state, wherein said backward-moving prohibition mechanism is a disc brake or a worm gear.

- 2. (Original) The automatic injection device according to claim 1, wherein said drive mechanism has a motor and mechanism for converting the rotation of the motor into a linear movement, and said backward-moving prohibition mechanism prohibits the axis of rotation to rotate in the backward direction.
- 3. (Original) The automatic injection device according to claim 1, wherein said drive mechanism has a motor and mechanism for converting the rotation of the motor into a linear movement, and said backward-moving prohibition mechanism prohibits the linear movement in the backward direction.
 - 4. (Cancel)
- 5. (Original) The automatic injection device according to claim 1, wherein said device is a double head type with the number of systems of heads being two and holds two syringes.

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6. (Original) The automatic injection device according to claim 1, wherein said device holds a syringe for injecting a contrast medium and another syringe for injecting a physiological saline solution.

- 7. (Original) The automatic injection device according to claim 5, wherein said device holds a syringe for injecting a contrast medium at the first head and a syringe for injecting a physiological saline solution at the second head.
- 8. (Original) The automatic injection device according to claim 5, wherein the tips of the two syringes are connected to a three way-branched tube.
- 9. (Original) The automatic injection device according to claim 7, wherein the tips of the two syringes are connected to a three way-branched tube.
- 10. (New) An automatic injection device comprising piston holders holding cylinder pistons and plural systems of heads having a drive mechanism for moving the piston holders forward and backward, whereby the device can hold a plurality of syringes and operates injection or suction in each syringe independently,

said device comprising a ratchet and a ratchet pole, wherein when the piston holder of a first head is in a forward-moving state then said ratchet pole is engaged with said ratchet whereby the piston holder of a second head is in a stopped state and backward-moving of the second head is prohibited, and wherein the engagement is releasable in order to allow the second head to move in a backward-moving state.

11. (New) The automatic injection device according to claim 10, wherein said drive mechanism has a motor and mechanism for converting the rotation of the motor into a linear movement, and said backward-moving prohibition mechanism prohibits the axis of rotation

to rotate in the backward direction.

12. (New) The automatic injection device according to claim 10, wherein said drive mechanism has a motor and mechanism for converting the rotation of the motor into a linear movement, and said backward-moving prohibition mechanism prohibits the linear movement in the backward direction.

- 13. (New) The automatic injection device according to claim 10, wherein said device is a double head type with the number of systems of heads being two and holds two syringes.
- 14. (New) The automatic injection device according to claim 10, wherein said device holds a syringe for injecting a contrast medium and another syringe for injecting a physiological saline solution.
- 15. (New) The automatic injection device according to claim 13, wherein said device holds a syringe for injecting a contrast medium at the first head and a syringe for injecting a physiological saline solution at the second head.
- 16. (New) The automatic injection device according to claim 13, wherein the tips of the two syringes are connected to a three way-branched tube.
- 17. (New) The automatic injection device according to claim 15, wherein the tips of the two syringes are connected to a three way-branched tube.
- 18. (New) An automatic injection device comprising piston holders holding cylinder pistons and plural systems of heads having a drive mechanism for moving the piston holders forward and backward, whereby the device can hold a plurality of syringes and operates injection or suction in each syringe independently,

said device comprising an electromagnetic brake, wherein said electromagnetic brake

is turned on when the piston holder of a first head is in a forward-moving state and the piston holder of a second head is in a stopped state, whereby backward-moving of the second head is prohibited, and wherein said electromagnetic brake is turned off when the second head is moving state.

- 19. (New) The automatic injection device according to claim 18, wherein said drive mechanism has a motor and mechanism for converting the rotation of the motor into a linear movement, and said backward-moving prohibition mechanism prohibits the axis of rotation to rotate in the backward direction.
- 20. (New) The automatic injection device according to claim 18, wherein said drive mechanism has a motor and mechanism for converting the rotation of the motor into a linear movement, and said backward-moving prohibition mechanism prohibits the linear movement in the backward direction.
- 21. (New) The automatic injection device according to claim 18, wherein said device is a double head type with the number of systems of heads being two and holds two syringes.
- 22. (New) The automatic injection device according to claim 18, wherein said device holds a syringe for injecting a contrast medium and another syringe for injecting a physiological saline solution.
- 23. (New) The automatic injection device according to claim 21, wherein said device holds a syringe for injecting a contrast medium at the first head and a syringe for injecting a physiological saline solution at the second head.
- 24. (New) The automatic injection device according to claim 21, wherein the tips of the two syringes are connected to a three way-branched tube.

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25. (New) The automatic injection device according to claim 23, wherein the tips of the two syringes are connected to a three way-branched tube.